GenCore version 4.5
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OM protein - protein search, using sw model

Run on: January 7, 2002, 15:41:57 ; Search time 90.83 Seconds
(without alignments)
11.397 Million cell updates/sec

Title: US-08-569-749-8
Perfect score: 267
Sequence: 1 LAKAGFYYIGPGDRVACFAC.....WEPKDNAMSEHLRHFPKCPF 46

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 212252 seqs, 22503292 residues

Total number of hits satisfying chosen parameters: 212252

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_AA:*
1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
4: /cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/2/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	267	100.0	46	4	US-08-569-749-8	Sequence 8, Appli
2	267	100.0	46	5	PCT-US96-12860-8	Sequence 8, Appli
3	267	100.0	604	4	US-08-569-749-4	Sequence 4, Appli
4	267	100.0	604	5	PCT-US96-12860-4	Sequence 4, Appli
5	264	98.9	67	2	US-08-511-485-22	Sequence 22, Appl
6	264	98.9	604	2	US-08-511-485-6	Sequence 6, Appli
7	264	98.9	604	3	US-09-212-971-6	Sequence 6, Appli
8	264	98.9	604	4	US-08-800-929A-6	Sequence 6, Appli
9	264	98.9	604	4	US-09-617-053A-6	Sequence 6, Appli
10	248	92.9	46	4	US-08-569-749-7	Sequence 7, Appli
11	248	92.9	46	5	PCT-US96-12860-7	Sequence 7, Appli
12	248	92.9	67	2	US-08-511-485-23	Sequence 23, Appl
13	248	92.9	438	5	PCT-US95-05922A-2	Sequence 2, Appli
14	248	92.9	618	2	US-08-511-485-8	Sequence 8, Appli
15	248	92.9	618	3	US-09-212-971-8	Sequence 8, Appli
16	248	92.9	618	4	US-08-800-929A-8	Sequence 8, Appli
17	248	92.9	618	4	US-08-569-749-2	Sequence 2, Appli
18	248	92.9	618	4	US-09-617-053A-8	Sequence 8, Appli
19	248	92.9	618	5	PCT-US96-12860-2	Sequence 2, Appli
20	247	92.5	612	3	US-09-212-971-14	Sequence 14, Appl
21	247	92.5	612	4	US-08-800-929A-14	Sequence 14, Appl
22	247	92.5	612	4	US-08-569-749-14	Sequence 14, Appl
23	247	92.5	612	4	US-09-617-053A-14	Sequence 14, Appl
24	247	92.5	612	5	PCT-US96-12860-14	Sequence 14, Appl
25	235	88.0	600	3	US-09-212-971-12	Sequence 12, Appl
26	235	88.0	600	4	US-08-800-929A-12	Sequence 12, Appl
27	235	88.0	600	4	US-09-617-053A-12	Sequence 12, Appl
28	182	68.2	68	2	US-08-511-485-21	Sequence 21, Appl
29	182	68.2	497	2	US-08-511-485-4	Sequence 4, Appli
30	182	68.2	497	3	US-09-212-971-4	Sequence 4, Appli
31	182	68.2	497	4	US-08-800-929A-4	Sequence 4, Appli
32	182	68.2	497	4	US-09-617-053A-4	Sequence 4, Appli
33	177	66.3	68	2	US-08-511-485-20	Sequence 20, Appl
34	177	66.3	496	2	US-08-511-485-10	Sequence 10, Appl
35	177	66.3	496	3	US-09-212-971-10	Sequence 10, Appl
36	177	66.3	496	4	US-08-800-929A-10	Sequence 10, Appl
37	177	66.3	496	4	US-09-617-053A-10	Sequence 10, Appl
38	145	54.3	67	2	US-08-511-485-15	Sequence 15, Appl
39	145	54.3	236	4	US-09-121-979-4	Sequence 4, Appli
40	145	54.3	236	4	US-09-332-319-4	Sequence 4, Appli
41	145	54.3	498	2	US-08-511-485-13	Sequence 13, Appl
42	141	52.8	66	2	US-08-511-485-25	Sequence 25, Appl
43	141	52.8	1151	3	US-08-836-134-23	Sequence 23, Appl
44	141	52.8	1232	3	US-08-836-134-2	Sequence 2, Appli
45	140	52.4	66	2	US-08-511-485-24	Sequence 24, Appl

ALIGNMENTS

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RESULT 1
US-08-569-749-8
; Sequence 8, Application US/08569749
; Patent No. 6187557
;  GENERAL INFORMATION:
;    APPLICANT:  Rothe, Mike
;    APPLICANT:  Goeddel, David V
;    TITLE OF INVENTION:  INHIBITORS OF APOPTOSIS
;    NUMBER OF SEQUENCES:  14
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
;      STREET:  4 Embarcadero Center, Suite 3400
;      CITY:  San Francisco
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  94111
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/569,749
;      FILING DATE:
;      CLASSIFICATION:  514
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Brezner, David J.
;      REGISTRATION NUMBER:  24,774
;      REFERENCE/DOCKET NUMBER:  A-62464/DJB
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (415)781-1989
;      TELEFAX:  (415)398-3249
;  INFORMATION FOR SEQ ID NO:  8:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  46 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-569-749-8


  Query Match           100.0%;  Score 267;  DB 4;  Length 46;
  Best Local Similarity  100.0%;  Pred. No. 1.7e-28;
  Matches   46;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 LAKAGFYYIGPGDRVACFACGGKLSNWEPKDNAMSEHLRHFPKCPF 46
           |||||||||||||||||||||||||||||||||||||||||||||||
Db       1 LAKAGFYYIGPGDRVACFACGGKLSNWEPKDNAMSEHLRHFPKCPF 46
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RESULT   2
PCT-US96-12860-8
; Sequence 8, Application PC/TUS9612860
;  GENERAL INFORMATION:
;    APPLICANT:  TULARIK, INC.
;    TITLE OF INVENTION:  INHIBITORS OF APOPTOSIS
;    NUMBER OF SEQUENCES:  14
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
;      STREET:  4 Embarcadero Center, Suite 3400
;      CITY:  San Francisco
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  94111
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  PCT/US96/12860
;      FILING DATE:  06 AUG 1996
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  U.S. Serial Nos. 08/512,946 & 08/569,749
;      CLASSIFICATION:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Brezner, David J.
;      REGISTRATION NUMBER:  24,774
;      REFERENCE/DOCKET NUMBER:  A-62464/DJB
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (415)781-1989
;      TELEFAX:  (415)398-3249
;  INFORMATION FOR SEQ ID NO:  8:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  46 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
PCT-US96-12860-8


  Query Match             100.0%;  Score 267;  DB 5;  Length 46;
  Best Local Similarity   100.0%;  Pred. No. 1.7e-28;
  Matches   46;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 LAKAGFYYIGPGDRVACFACGGKLSNWEPKDNAMSEHLRHFPKCPF 46
           |||||||||||||||||||||||||||||||||||||||||||||
Db       1 LAKAGFYYIGPGDRVACFACGGKLSNWEPKDNAMSEHLRHFPKCPF 46


RESULT   3
US-08-569-749-4
; Sequence 4, Application US/08569749
; Patent No. 6187557
;  GENERAL INFORMATION:
;    APPLICANT:  Rothe, Mike
;    APPLICANT:  Goeddel, David V
;    TITLE OF INVENTION:  INHIBITORS OF APOPTOSIS
;    NUMBER OF SEQUENCES:  14
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
;      STREET:  4 Embarcadero Center, Suite 3400
;      CITY:  San Francisco
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  94111
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/569,749
;      FILING DATE:
;      CLASSIFICATION:  514
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Brezner, David J.
;      REGISTRATION NUMBER:  24,774
;      REFERENCE/DOCKET NUMBER:  A-62464/DJB
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (415)781-1989
;      TELEFAX:  (415)398-3249
;  INFORMATION FOR SEQ ID NO:  4:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  604 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-569-749-4


  Query Match             100.0%;  Score 267;  DB 4;  Length 604;
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  Matches   46;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 LAKAGFYYIGPGDRVACFACGGKLSNWEPKDNAMSEHLRHFPKCPF 46
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RESULT   4
PCT-US96-12860-4
; Sequence 4, Application PC/TUS9612860
;  GENERAL INFORMATION:
;    APPLICANT:  TULARIK, INC.
;    TITLE OF INVENTION:  INHIBITORS OF APOPTOSIS
;    NUMBER OF SEQUENCES:  14
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
;      STREET:  4 Embarcadero Center, Suite 3400
;      CITY:  San Francisco
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  94111
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  PCT/US96/12860
;      FILING DATE:  06 AUG 1996
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  U.S. Serial Nos. 08/512,946 & 08/569,749
;      CLASSIFICATION:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Brezner, David J.
;      REGISTRATION NUMBER:  24,774
;      REFERENCE/DOCKET NUMBER:  A-62464/DJB
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (415)781-1989
;      TELEFAX:  (415)398-3249
;  INFORMATION FOR SEQ ID NO:  4:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  604 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
PCT-US96-12860-4
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  Query Match             100.0%;  Score 267;  DB 5;  Length 604;
  Best Local Similarity   100.0%;  Pred. No. 2.9e-27;
  Matches   46;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 LAKAGFYYIGPGDRVACFACGGKLSNWEPKDNAMSEHLRHFPKCPF 46
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Db     189 LAKAGFYYIGPGDRVACFACGGKLSNWEPKDNAMSEHLRHFPKCPF 234


RESULT   5
US-08-511-485-22
; Sequence 22, Application US/08511485
; Patent No. 5919912
;  GENERAL INFORMATION:
;    APPLICANT:  Korneluk, Robert G.
;    APPLICANT:  Mackenzie, Alexander E.
;    APPLICANT:  Baird, Stephen
;    TITLE OF INVENTION:  MAMMALIAN IAP GENE FAMILY, PRIMERS,
;    TITLE OF INVENTION:  PROBES, AND DETECTION METHODS
;    NUMBER OF SEQUENCES:  38
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Fish & Richardson P.C.
;      STREET:  225 Franklin Street
;      CITY:  Boston
;      STATE:  MA
;      COUNTRY:  USA
;      ZIP:  02110-2804
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/511,485
;      FILING DATE:  04-AUG-1995
;      CLASSIFICATION:  514
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Clark, Paul T.
;      REGISTRATION NUMBER:  30,162
;      REFERENCE/DOCKET NUMBER:  07540/002001
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  617/542-5070
;      TELEFAX:  617/542-8906
;      TELEX:  200154
;  INFORMATION FOR SEQ ID NO:  22:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  67 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  not relevant
;      TOPOLOGY:  both
;    MOLECULE TYPE:  protein
US-08-511-485-22


  Query Match             98.9%;  Score 264;  DB 2;  Length 67;
  Best Local Similarity   97.8%;  Pred. No. 6.3e-28;
  Matches   45;  Conservative    1;  Mismatches    0;  Indels    0;  Gaps    0;

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RESULT   6
US-08-511-485-6
; Sequence 6, Application US/08511485
; Patent No. 5919912
;  GENERAL INFORMATION:
;    APPLICANT:  Korneluk, Robert G.
;    APPLICANT:  Mackenzie, Alexander E.
;    APPLICANT:  Baird, Stephen
;    TITLE OF INVENTION:  MAMMALIAN IAP GENE FAMILY, PRIMERS,
;    TITLE OF INVENTION:  PROBES, AND DETECTION METHODS
;    NUMBER OF SEQUENCES:  38
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Fish & Richardson P.C.
;      STREET:  225 Franklin Street
;      CITY:  Boston
;      STATE:  MA
;      COUNTRY:  USA
;      ZIP:  02110-2804
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/511,485
;      FILING DATE:  04-AUG-1995
;      CLASSIFICATION:  514
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Clark, Paul T.
;      REGISTRATION NUMBER:  30,162
;      REFERENCE/DOCKET NUMBER:  07540/002001
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  617/542-5070
;      TELEFAX:  617/542-8906
;      TELEX:  200154
;  INFORMATION FOR SEQ ID NO:  6:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  604 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  not relevant
;      TOPOLOGY:  both
;    MOLECULE TYPE:  protein
US-08-511-485-6


  Query Match             98.9%;  Score 264;  DB 2;  Length 604;
  Best Local Similarity   97.8%;  Pred. No. 7.1e-27;
  Matches   45;  Conservative    1;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 LAKAGFYYIGPGDRVACFACGGKLSNWEPKDNAMSEHLRHFPKCPF 46
           ||:|||||||||||||||||||||||||||||||||||||||||||
Db     189 LARAGFYYIGPGDRVACFACGGKLSNWEPKDNAMSEHLRHFPKCPF 234


RESULT   7
US-09-212-971-6
; Sequence 6, Application US/09212971B
; Patent No. 6107041
; GENERAL INFORMATION:
;  APPLICANT: Korneluk, Robert G
;  APPLICANT: MacKenzie, Alexander E
;  APPLICANT: Liston, Peter
;  APPLICANT: Baird, Stephen
;  APPLICANT: Tsang, Benjamin K
;  APPLICANT: Pratt, Christine
;  TITLE OF INVENTION: DETECTION AND MODULATION OF IAPS AND
;  TITLE OF INVENTION: NAIP FOR THE DIAGNOSIS AND TREATMENT OF PROLIFERATIVE
;  TITLE OF INVENTION: DISEASE
;  FILE REFERENCE: 07891/009002
;  CURRENT APPLICATION NUMBER: US/09/212,971B
;  CURRENT FILING DATE: 1998-12-16
;  EARLIER APPLICATION NUMBER: 60/017,354
;  EARLIER FILING DATE: 1996-04-26
;  EARLIER APPLICATION NUMBER: 60/030,590
;  EARLIER FILING DATE: 1996-11-14
;  EARLIER APPLICATION NUMBER: 08/800,929
;  EARLIER FILING DATE: 1997-02-13
;  NUMBER OF SEQ ID NOS: 17
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 6
;   LENGTH: 604
;   TYPE: PRT
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;   ORGANISM: Homo sapiens
US-09-212-971-6


  Query Match             98.9%;  Score 264;  DB 3;  Length 604;
  Best Local Similarity   97.8%;  Pred. No. 7.1e-27;
  Matches   45;  Conservative    1;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 LAKAGFYYIGPGDRVACFACGGKLSNWEPKDNAMSEHLRHFPKCPF 46
           ||:|||||||||||||||||||||||||||||||||||||||||||||
Db     189 LARAGFYYIGPGDRVACFACGGKLSNWEPKDNAMSEHLRHFPKCPF 234


RESULT   8
US-08-800-929A-6
; Sequence 6, Application US/08800929A
; Patent No. 6133437
;  GENERAL INFORMATION:
;    APPLICANT:  Korneluk, Robert G
;    APPLICANT:  MacKenzie, Alexander E
;    APPLICANT:  Liston, Peter
;    APPLICANT:  Baird, Stephen
;    APPLICANT:  Tsang, Benjamin K
;    APPLICANT:  Pratt, Christine
;    TITLE OF INVENTION:  DETECTION AND MODULATION OF
;    TITLE OF INVENTION:  IAPS AND NAIP FOR THE DIAGNOSIS AND TREATMENT OF PROLIFERATIVE
;    TITLE OF INVENTION:  DISEASE
;    NUMBER OF SEQUENCES:  17
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Clark & Elbing LLP
;      STREET:  176 Federal Street
;      CITY:  Boston
;      STATE:  MA
;      COUNTRY:  USA
;      ZIP:  02110
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  DOS
;      SOFTWARE:  FastSEQ for Windows Version 2.0
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/800,929A
;      FILING DATE:  13-FEB-1997
;      CLASSIFICATION:  424
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  60/030,590
;      FILING DATE:  14-NOV-1996
;      APPLICATION NUMBER:  60/017,354
;      FILING DATE:  26-APR-1996
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Bieker-Brady, Kristina
;      REGISTRATION NUMBER:
;      REFERENCE/DOCKET NUMBER:  07891/009001
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  617-428-0200
;      TELEFAX:  617-428-7045
;      TELEX:
;  INFORMATION FOR SEQ ID NO:  6:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  604 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-800-929A-6


  Query Match             98.9%;  Score 264;  DB 4;  Length 604;
  Best Local Similarity   97.8%;  Pred. No. 7.1e-27;
  Matches   45;  Conservative    1;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 LAKAGFYYIGPGDRVACFACGGKLSNWEPKDNAMSEHLRHFPKCPF 46
           ||:|||||||||||||||||||||||||||||||||||||||||||||
Db     189 LARAGFYYIGPGDRVACFACGGKLSNWEPKDNAMSEHLRHFPKCPF 234


RESULT   9
US-09-617-053A-6
; Sequence 6, Application US/09617053A
; Patent No. 6300492
; GENERAL INFORMATION:
;  APPLICANT: Korneluk, Robert G
;  APPLICANT:  MacKenzie, Alexander E
;  APPLICANT:  Liston, Peter
;  APPLICANT:  Baird, Stephen
;  APPLICANT:  Tsang, Benjamin K
;  APPLICANT:  Pratt, Christine
;  TITLE OF INVENTION: DETECTION AND MODULATION OF IAPS AND
;  TITLE OF INVENTION:  NAIP FOR THE DIAGNOSIS AND TREATMENT OF PROLIFERATIVE
;  TITLE OF INVENTION:  DISEASE
;  FILE REFERENCE: 07891/009003
;  CURRENT APPLICATION NUMBER: US/09/617,053A
;  CURRENT FILING DATE:  2000-07-14
;  PRIOR APPLICATION NUMBER: US 08/800,929
;  PRIOR FILING DATE: 1997-02-13
;  NUMBER OF SEQ ID NOS: 17
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 6
;   LENGTH: 604
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-617-053A-6


  Query Match             98.9%;  Score 264;  DB 4;  Length 604;
  Best Local Similarity   97.8%;  Pred. No. 7.1e-27;
  Matches   45;  Conservative    1;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 LAKAGFYYIGPGDRVACFACGGKLSNWEPKDNAMSEHLRHFPKCPF 46
           ||:|||||||||||||||||||||||||||||||||||||||||||||
Db     189 LARAGFYYIGPGDRVACFACGGKLSNWEPKDNAMSEHLRHFPKCPF 234


RESULT  10
US-08-569-749-7
; Sequence 7, Application US/08569749
; Patent No. 6187557
;  GENERAL INFORMATION:
;    APPLICANT:  Rothe, Mike
;    APPLICANT:  Goeddel, David V
;    TITLE OF INVENTION:  INHIBITORS OF APOPTOSIS
;    NUMBER OF SEQUENCES:  14
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
;      STREET:  4 Embarcadero Center, Suite 3400
;      CITY:  San Francisco
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  94111
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/569,749
;      FILING DATE:
;      CLASSIFICATION:  514
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Brezner, David J.
;      REGISTRATION NUMBER:  24,774
;      REFERENCE/DOCKET NUMBER:  A-62464/DJB
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (415)781-1989
;      TELEFAX:  (415)398-3249
;  INFORMATION FOR SEQ ID NO:  7:
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;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  46 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-569-749-7


  Query Match             92.9%;  Score 248;  DB 4;  Length 46;
  Best Local Similarity   91.3%;  Pred. No. 5.3e-26;
  Matches   42;  Conservative    2;  Mismatches    2;  Indels    0;  Gaps    0;

Qy       1 LAKAGFYYIGPGDRVACFACGGKLSNWEPKDNAMSEHLRHFPKCPF 46
           ||:||||||||||||||||||||||||||||:||||| |||| |||
Db       1 LARAGFYYIGPGDRVACFACGGKLSNWEPKDDAMSEHRRHFPNCPF 46


RESULT  11
PCT-US96-12860-7
; Sequence 7, Application PC/TUS9612860
;  GENERAL INFORMATION:
;    APPLICANT:  TULARIK, INC.
;    TITLE OF INVENTION:  INHIBITORS OF APOPTOSIS
;    NUMBER OF SEQUENCES:  14
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
;      STREET:  4 Embarcadero Center, Suite 3400
;      CITY:  San Francisco
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  94111
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  PCT/US96/12860
;      FILING DATE:  06 AUG 1996
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  U.S. Serial Nos. 08/512,946 & 08/569,749
;      CLASSIFICATION:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Brezner, David J.
;      REGISTRATION NUMBER:  24,774
;      REFERENCE/DOCKET NUMBER:  A-62464/DJB
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (415)781-1989
;      TELEFAX:  (415)398-3249
;  INFORMATION FOR SEQ ID NO:  7:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  46 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
PCT-US96-12860-7


  Query Match             92.9%;  Score 248;  DB 5;  Length 46;
  Best Local Similarity   91.3%;  Pred. No. 5.3e-26;
  Matches   42;  Conservative    2;  Mismatches    2;  Indels    0;  Gaps    0;

Qy       1 LAKAGFYYIGPGDRVACFACGGKLSNWEPKDNAMSEHLRHFPKCPF 46
           ||:||||||||||||||||||||||||||||:||||| |||| |||
Db       1 LARAGFYYIGPGDRVACFACGGKLSNWEPKDDAMSEHRRHFPNCPF 46


RESULT  12
US-08-511-485-23
; Sequence 23, Application US/08511485
; Patent No. 5919912
;  GENERAL INFORMATION:
;    APPLICANT:  Korneluk, Robert G.
;    APPLICANT:  Mackenzie, Alexander E.
;    APPLICANT:  Baird, Stephen
;    TITLE OF INVENTION:  MAMMALIAN IAP GENE FAMILY, PRIMERS,
;    TITLE OF INVENTION:  PROBES, AND DETECTION METHODS
;    NUMBER OF SEQUENCES:  38
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Fish & Richardson P.C.
;      STREET:  225 Franklin Street
;      CITY:  Boston
;      STATE:  MA
;      COUNTRY:  USA
;      ZIP:  02110-2804
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/511,485
;      FILING DATE:  04-AUG-1995
;      CLASSIFICATION:  514
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Clark, Paul T.
;      REGISTRATION NUMBER:  30,162
;      REFERENCE/DOCKET NUMBER:  07540/002001
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  617/542-5070
;      TELEFAX:  617/542-8906
;      TELEX:  200154
;  INFORMATION FOR SEQ ID NO:  23:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  67 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  not relevant
;      TOPOLOGY:  both
;    MOLECULE TYPE:  protein
US-08-511-485-23


  Query Match             92.9%;  Score 248;  DB 2;  Length 67;
  Best Local Similarity   91.3%;  Pred. No. 8.1e-26;
  Matches   42;  Conservative    2;  Mismatches    2;  Indels    0;  Gaps    0;

Qy       1 LAKAGFYYIGPGDRVACFACGGKLSNWEPKDNAMSEHLRHFPKCPF 46
           ||:||||||||||||||||||||||||||||:||||| |||| |||
Db      21 LARAGFYYIGPGDRVACFACGGKLSNWEPKDDAMSEHRRHFPNCPF 66


RESULT  13
PCT-US95-05922A-2
; Sequence 2, Application PC/TUS9505922A
;  GENERAL INFORMATION:
;    APPLICANT:  HE, ET AL.
;    TITLE OF INVENTION:  Human Inhibitor of Apoptosis Gene 1
;    NUMBER OF SEQUENCES:  8
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  CARELLA, BYRNE, BAIN, GILFILLAN,
;      ADDRESSEE:  CECCHI, STEWART & OLSTEIN
;      STREET:  6 BECKER FARM ROAD
;      CITY:  ROSELAND
;      STATE:  NEW JERSEY
;      COUNTRY:  USA
;      ZIP:  07068
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  3.5 INCH DISKETTE
;      COMPUTER:  IBM PS/2
;      OPERATING SYSTEM:  MS-DOS
;      SOFTWARE:  WORD PERFECT 5.1
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  PCT/US95/05922A
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;      FILING DATE:  11 MAY 1995
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:
;      FILING DATE:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  FERRARO, GREGORY D.
;      REGISTRATION NUMBER:  36,134
;      REFERENCE/DOCKET NUMBER:  325800-292
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  201-994-1700
;      TELEFAX:  201-994-1744
;  INFORMATION FOR SEQ ID NO:  2:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  438 AMINO ACIDS
;      TYPE:  AMINO ACID
;      STRANDEDNESS:
;      TOPOLOGY:  LINEAR
;    MOLECULE TYPE:  PROTEIN
PCT-US95-05922A-2


  Query Match             92.9%;  Score 248;  DB 5;  Length 438;
  Best Local Similarity   91.3%;  Pred. No. 6.4e-25;
  Matches   42;  Conservative    2;  Mismatches    2;  Indels    0;  Gaps    0;

Qy       1 LAKAGFYYIGPGDRVACFACGGKLSNWEPKDNAMSEHLRHFPKCPF 46
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Db      24 LARAGFYYIGPGDRVACFACGGKLSNWEPKDDAMSEHRRHFPNCPF 69


RESULT  14
US-08-511-485-8
; Sequence 8, Application US/08511485
; Patent No. 5919912
;  GENERAL INFORMATION:
;    APPLICANT:  Korneluk, Robert G.
;    APPLICANT:  Mackenzie, Alexander E.
;    APPLICANT:  Baird, Stephen
;    TITLE OF INVENTION:  MAMMALIAN IAP GENE FAMILY, PRIMERS,
;    TITLE OF INVENTION:  PROBES, AND DETECTION METHODS
;    NUMBER OF SEQUENCES:  38
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Fish & Richardson P.C.
;      STREET:  225 Franklin Street
;      CITY:  Boston
;      STATE:  MA
;      COUNTRY:  USA
;      ZIP:  02110-2804
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/511,485
;      FILING DATE:  04-AUG-1995
;      CLASSIFICATION:  514
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Clark, Paul T.
;      REGISTRATION NUMBER:  30,162
;      REFERENCE/DOCKET NUMBER:  07540/002001
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  617/542-5070
;      TELEFAX:  617/542-8906
;      TELEX:  200154
;  INFORMATION FOR SEQ ID NO:  8:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  618 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  not relevant
;      TOPOLOGY:  both
;    MOLECULE TYPE:  protein
US-08-511-485-8


  Query Match             92.9%;  Score 248;  DB 2;  Length 618;
  Best Local Similarity   91.3%;  Pred. No. 9.3e-25;
  Matches   42;  Conservative    2;  Mismatches    2;  Indels    0;  Gaps    0;

Qy       1 LAKAGFYYIGPGDRVACFACGGKLSNWEPKDNAMSEHLRHFPKCPF 46
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Db     204 LARAGFYYIGPGDRVACFACGGKLSNWEPKDDAMSEHRRHFPNCPF 249


RESULT  15
US-09-212-971-8
; Sequence 8, Application US/09212971B
; Patent No. 6107041
; GENERAL INFORMATION:
;  APPLICANT: Korneluk, Robert G
;  APPLICANT: MacKenzie, Alexander E
;  APPLICANT: Liston, Peter
;  APPLICANT: Baird, Stephen
;  APPLICANT: Tsang, Benjamin K
;  APPLICANT: Pratt, Christine
;  TITLE OF INVENTION: DETECTION AND MODULATION OF IAPS AND
;  TITLE OF INVENTION: NAIP FOR THE DIAGNOSIS AND TREATMENT OF PROLIFERATIVE
;  TITLE OF INVENTION: DISEASE
;  FILE REFERENCE: 07891/009002
;  CURRENT APPLICATION NUMBER: US/09/212,971B
;  CURRENT FILING DATE: 1998-12-16
;  EARLIER APPLICATION NUMBER: 60/017,354
;  EARLIER FILING DATE: 1996-04-26
;  EARLIER APPLICATION NUMBER: 60/030,590
;  EARLIER FILING DATE: 1996-11-14
;  EARLIER APPLICATION NUMBER: 08/800,929
;  EARLIER FILING DATE: 1997-02-13
;  NUMBER OF SEQ ID NOS: 17
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 8
;   LENGTH: 618
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-212-971-8


  Query Match             92.9%;  Score 248;  DB 3;  Length 618;
  Best Local Similarity   91.3%;  Pred. No. 9.3e-25;
  Matches   42;  Conservative    2;  Mismatches    2;  Indels    0;  Gaps    0;

Qy       1 LAKAGFYYIGPGDRVACFACGGKLSNWEPKDNAMSEHLRHFPKCPF 46
           ||:|||||||||||||||||||||||||||||:||||| |||| |||
Db     204 LARAGFYYIGPGDRVACFACGGKLSNWEPKDDAMSEHRRHFPNCPF 249


Search completed: January  7, 2002, 15:41:57
Job time: 276 sec
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